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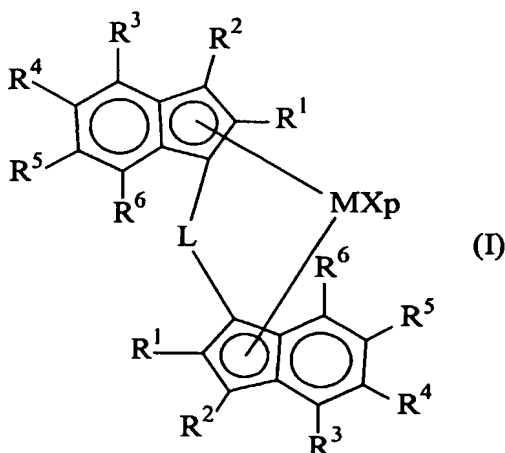
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(54) Title: PROCESS FOR PREPARING 1-BUTENE POLYMERS



(57) Abstract: A process for obtaining 1-butene polymers op-
tionally containing up to 30% by mol of ethylene, propylene
or an alpha-olefin of formula $\text{CH}_2=\text{CHZ}$, wherein Z is a $\text{C}_3\text{-C}_{10}$
alkyl group s, comprising the step of contacting under polymer-
ization conditions 1-butene and optionally ethylene, propylene
or said alpha-olefin, in the presence of a catalyst system obtain-
able by contacting: a) a metallocene compound of formula (I):
 $\text{R}^3 \text{R}^2 \text{R}^4 \text{O} \text{R}^- \text{Rs} \text{MXp} \text{LLR}^6 \text{R}^5 \text{R}' \text{O} \text{R}^2 \text{R}^4 \text{(I)}$ wherein: M is
an atom of a transition metal belonging to group 3, 4, 5, 6 or to
the lanthanide or actinide groups in the Periodic Table of the El-
ements; p is an integer from 0 to 3; X, is a hydrogen atom, a halo-
gen atom, or a hydrocarbon group; R¹ is a hydrocarbon group;
RZ, R³ and R⁶ are hydrogen atoms or hydrocarbon groups; R⁴
and R⁵ join to form a condensed saturated or unsaturated 4-7
membered ring; and L is a divalent bridging group; and b) an alu-
moxane or a compound able to form an alkylmetallocene cation.